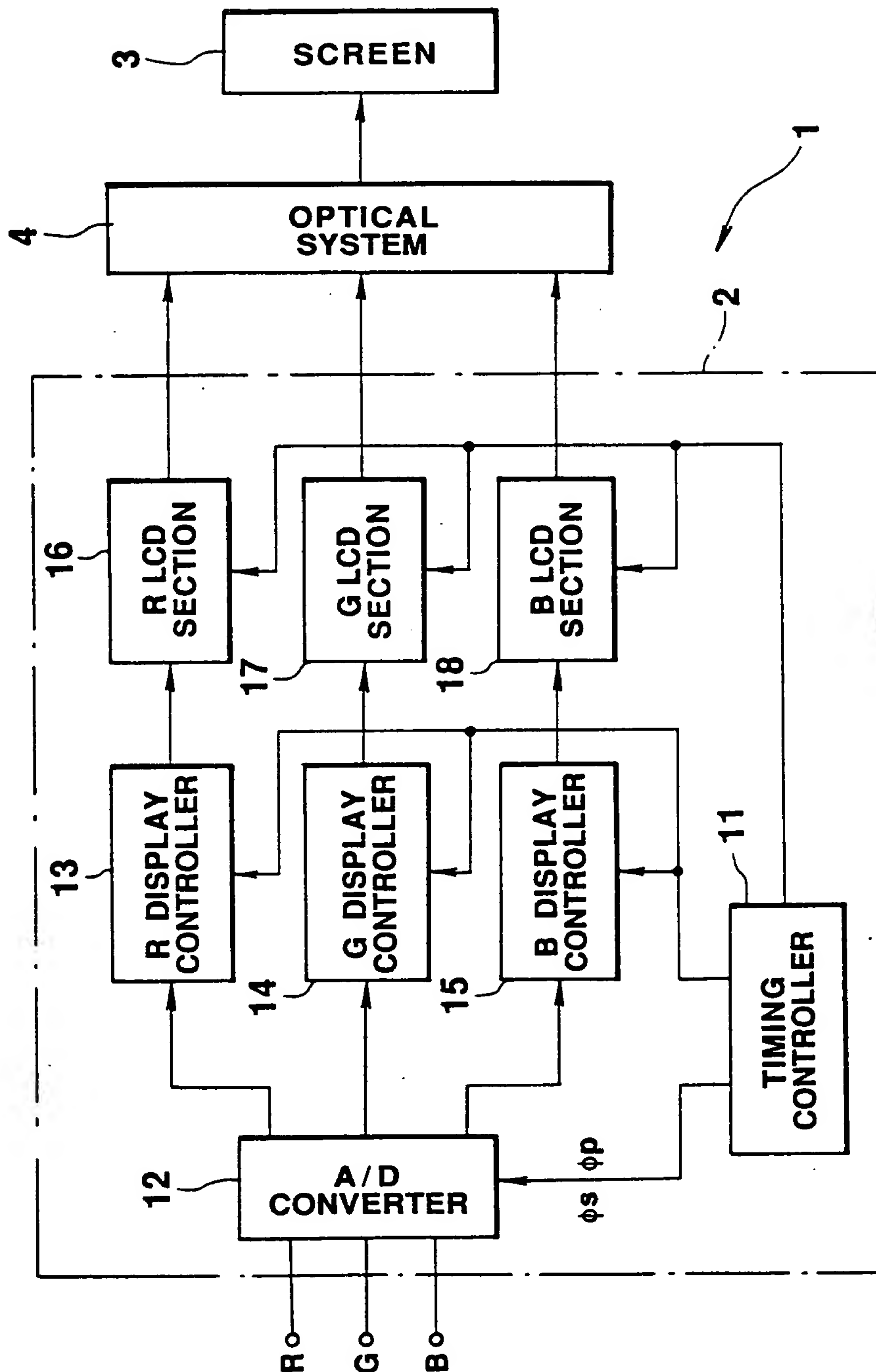


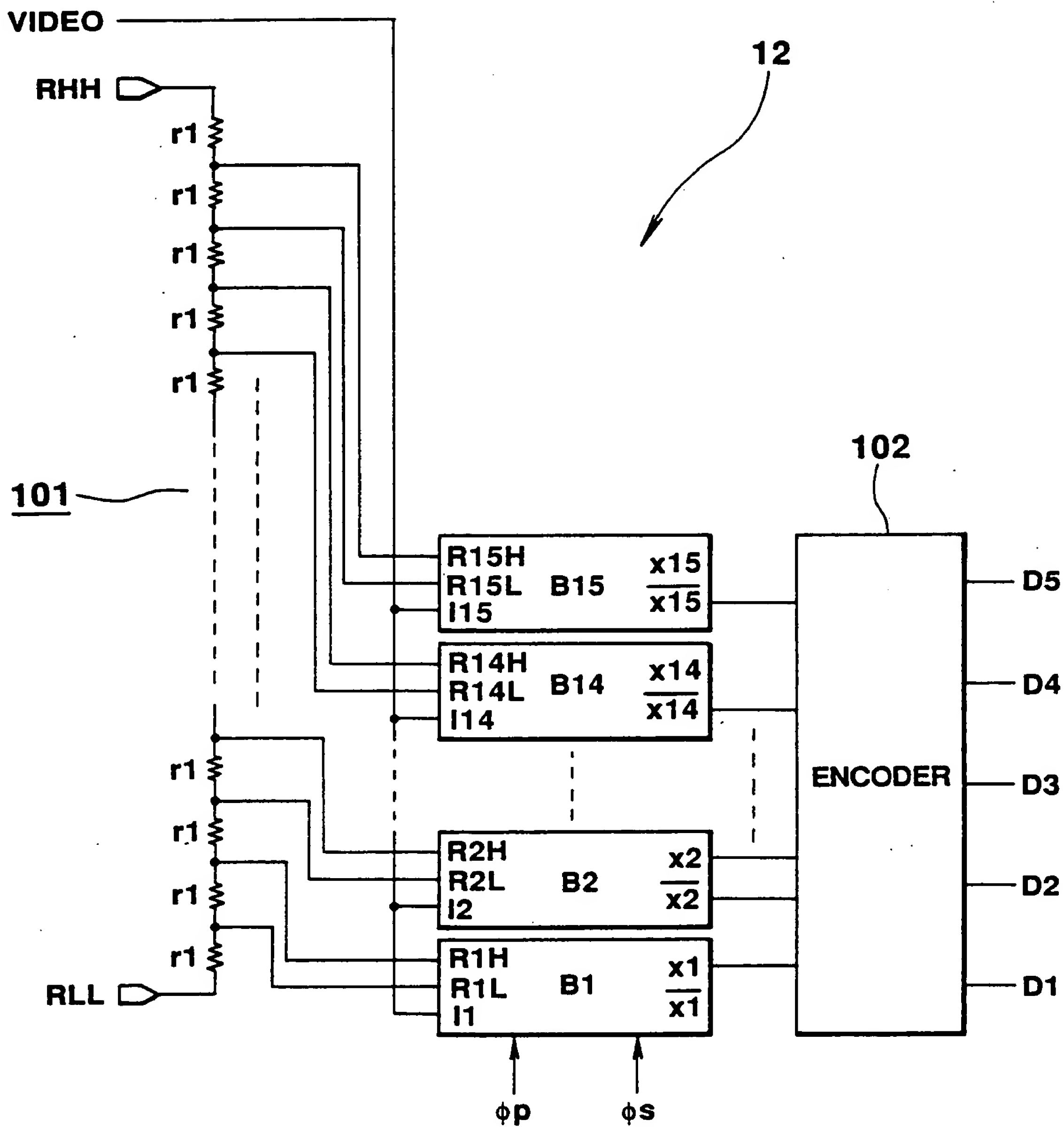
5844533

892482  
~~531869~~

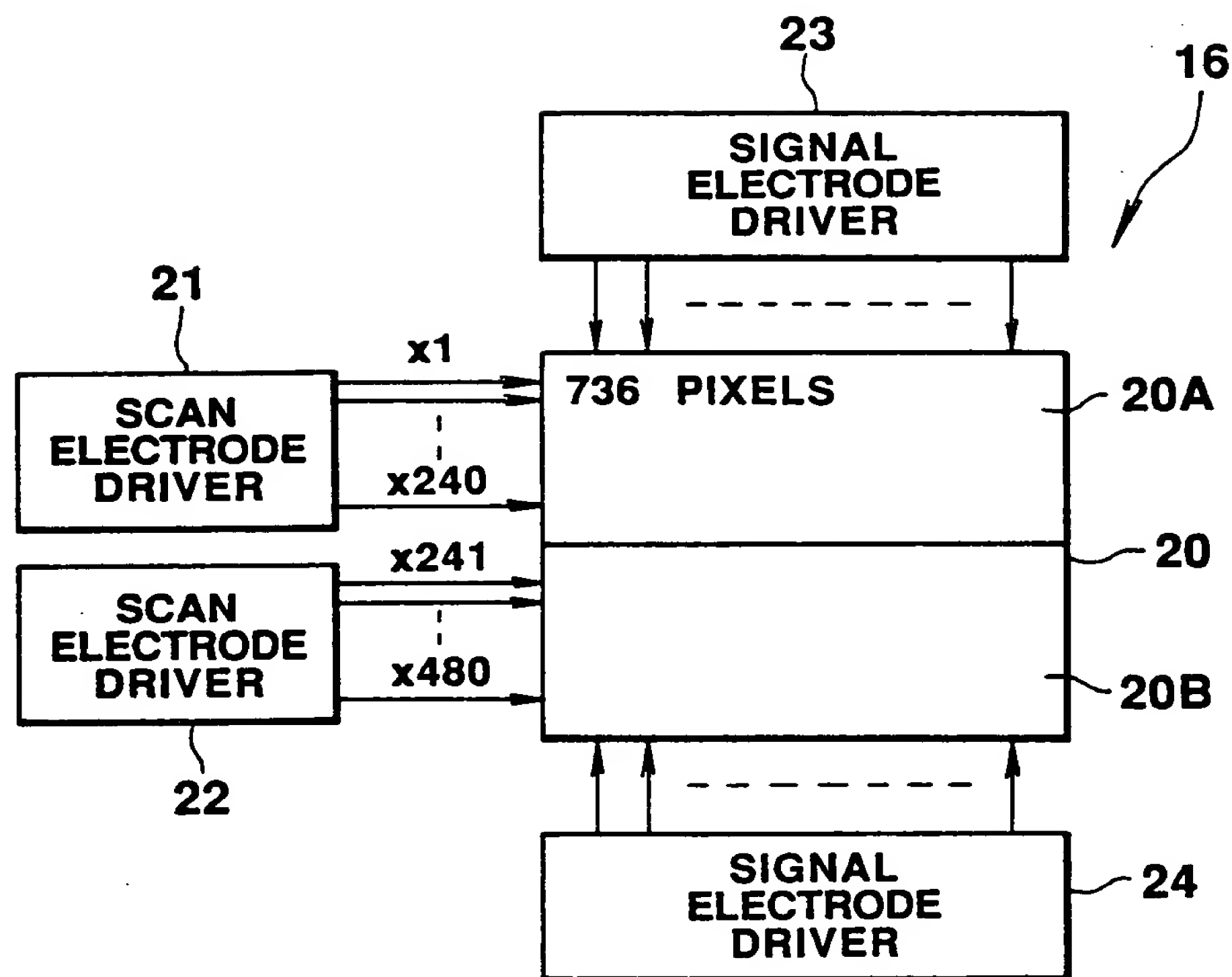


**FIG. 1**

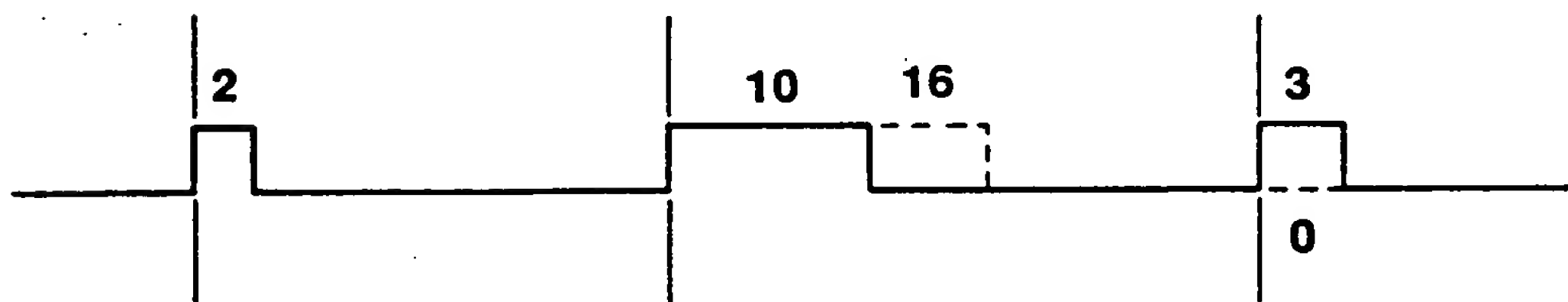
43 Fig 1



**FIG. 2**



**FIG. 3**



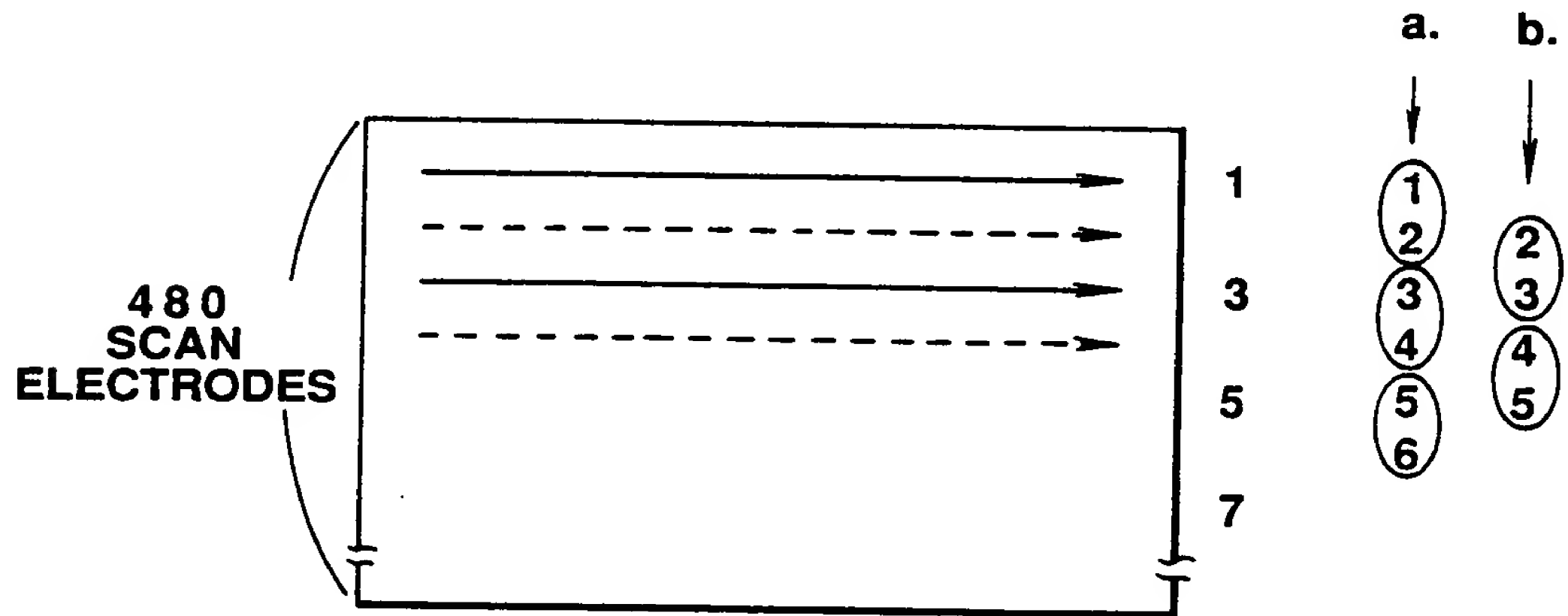
**FIG. 4**

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

892482  
 521869



**FIG. 5**



**FIG. 7**

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

521869  
892482

**FIG. 6A**

**FIG. 6B**

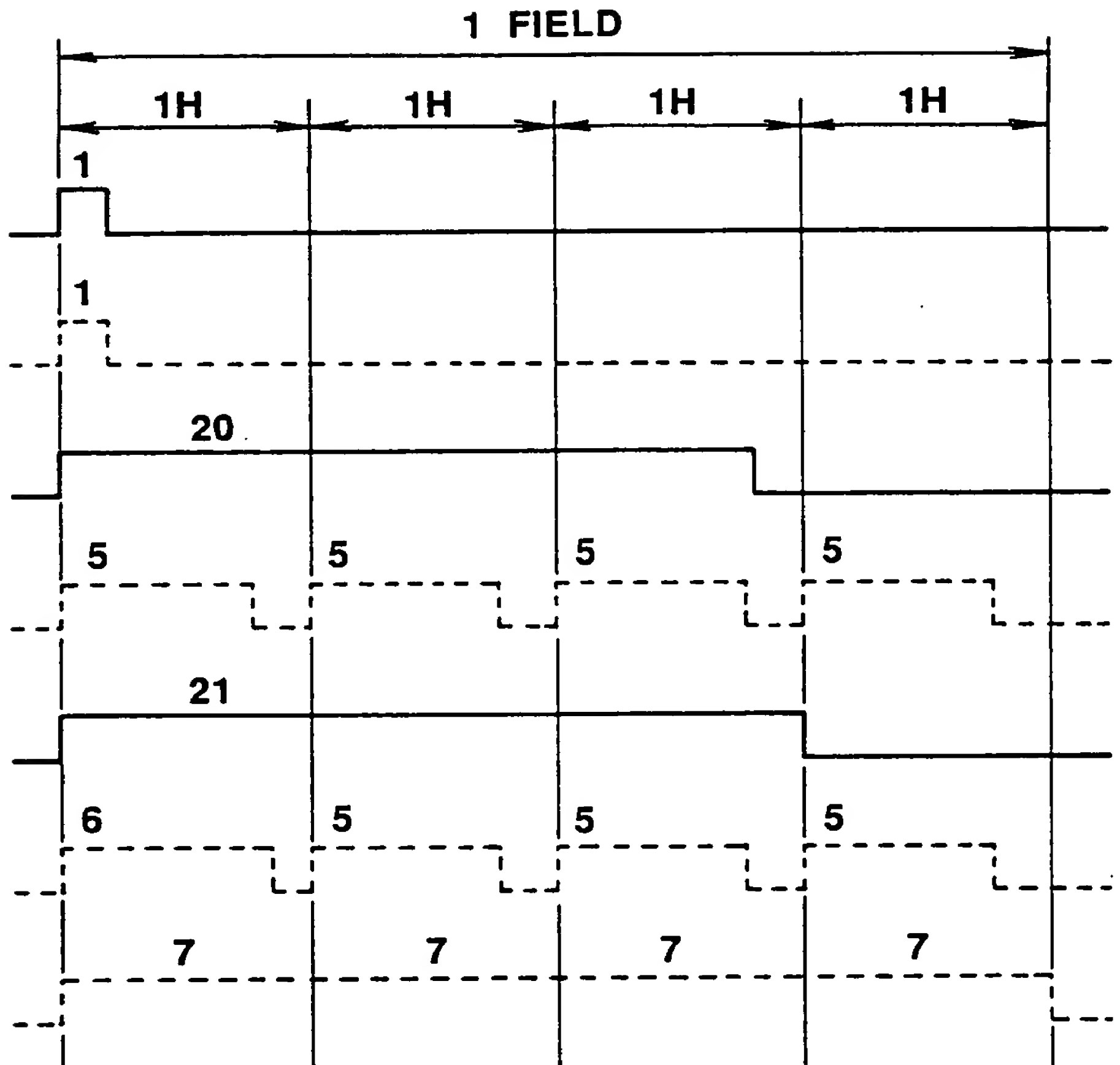
**FIG. 6C**

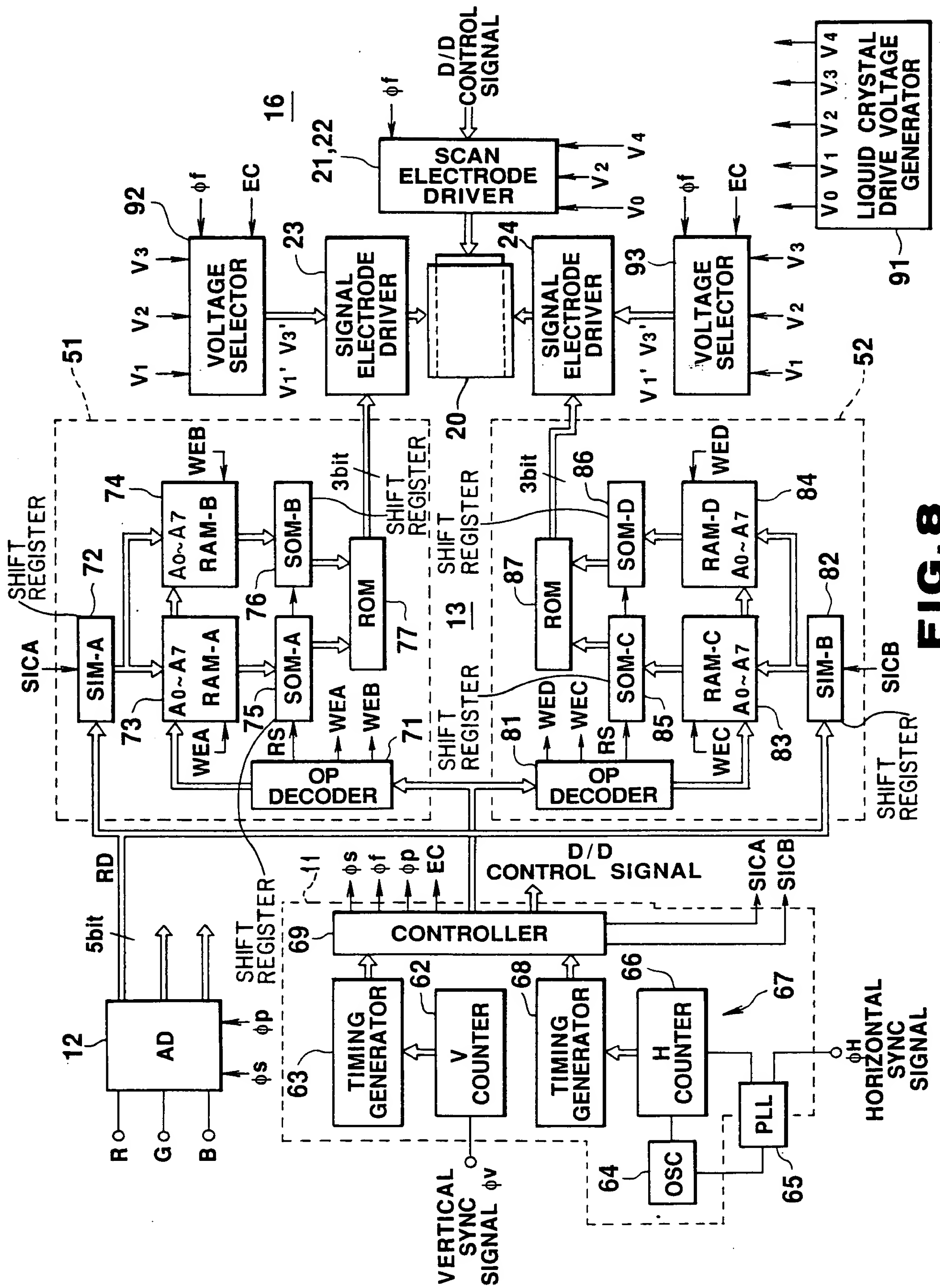
**FIG. 6D**

**FIG. 6E**

**FIG. 6F**

**FIG. 6G**





**FIG. 8**

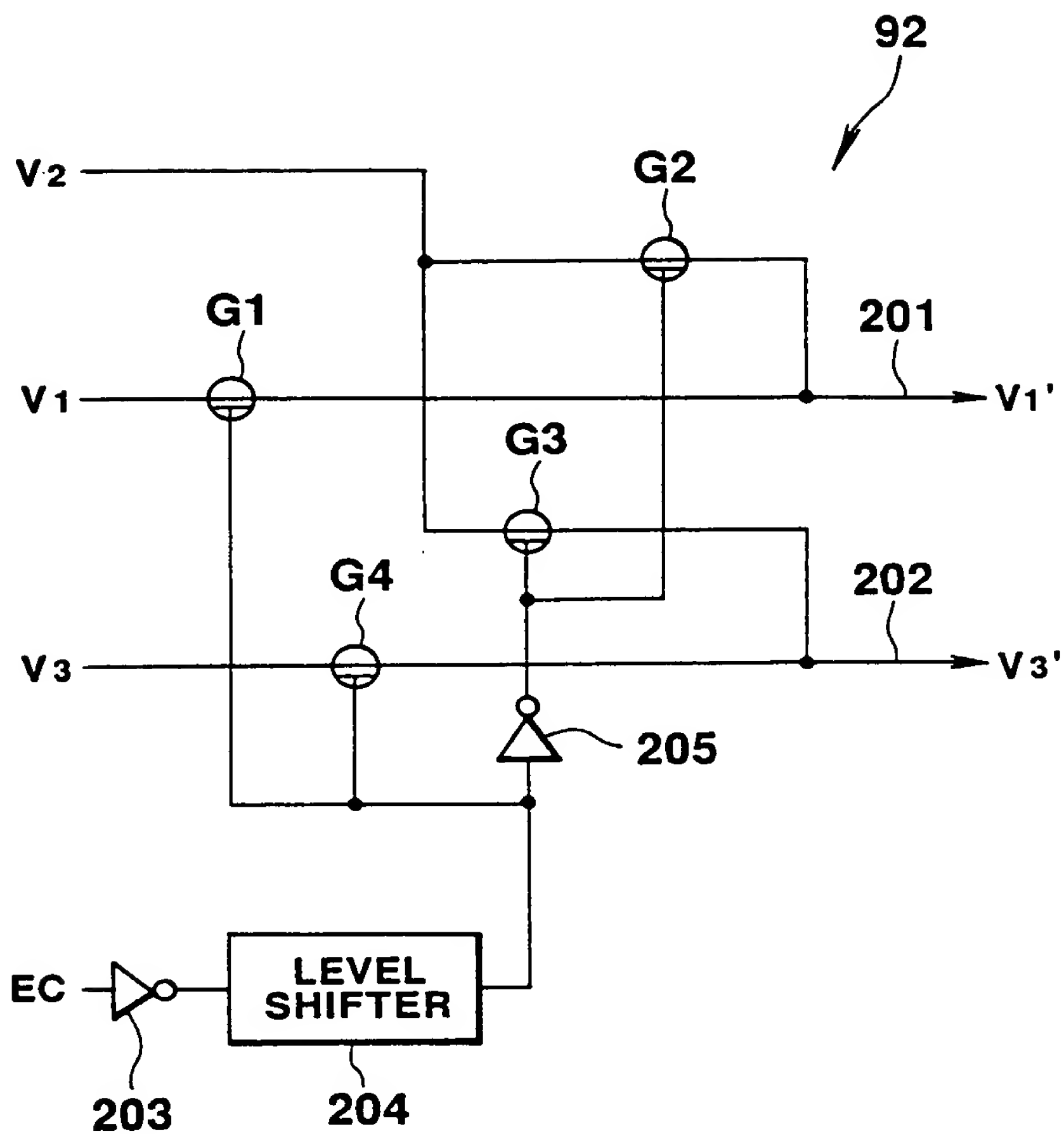
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

531869  
892482

ROM TABLE 100

CURRENT TIME PREVIOUS TIME	0	1	2	3	.....	15	.....	31
0	0000	2000	3010	4110		7777		7777
1	0000	1000	2010	3110		7777		7777
2	0000	0000	1010	2110		7777		7777
3	0000	0000	0010	1110		7777		7777
.								
.								
.								
15	0000	0000	0000	0000		4443		7777
.								
.								
.								
31	0003	0000	0000	0000		0000		7777

FIG. 9



**FIG. 10**

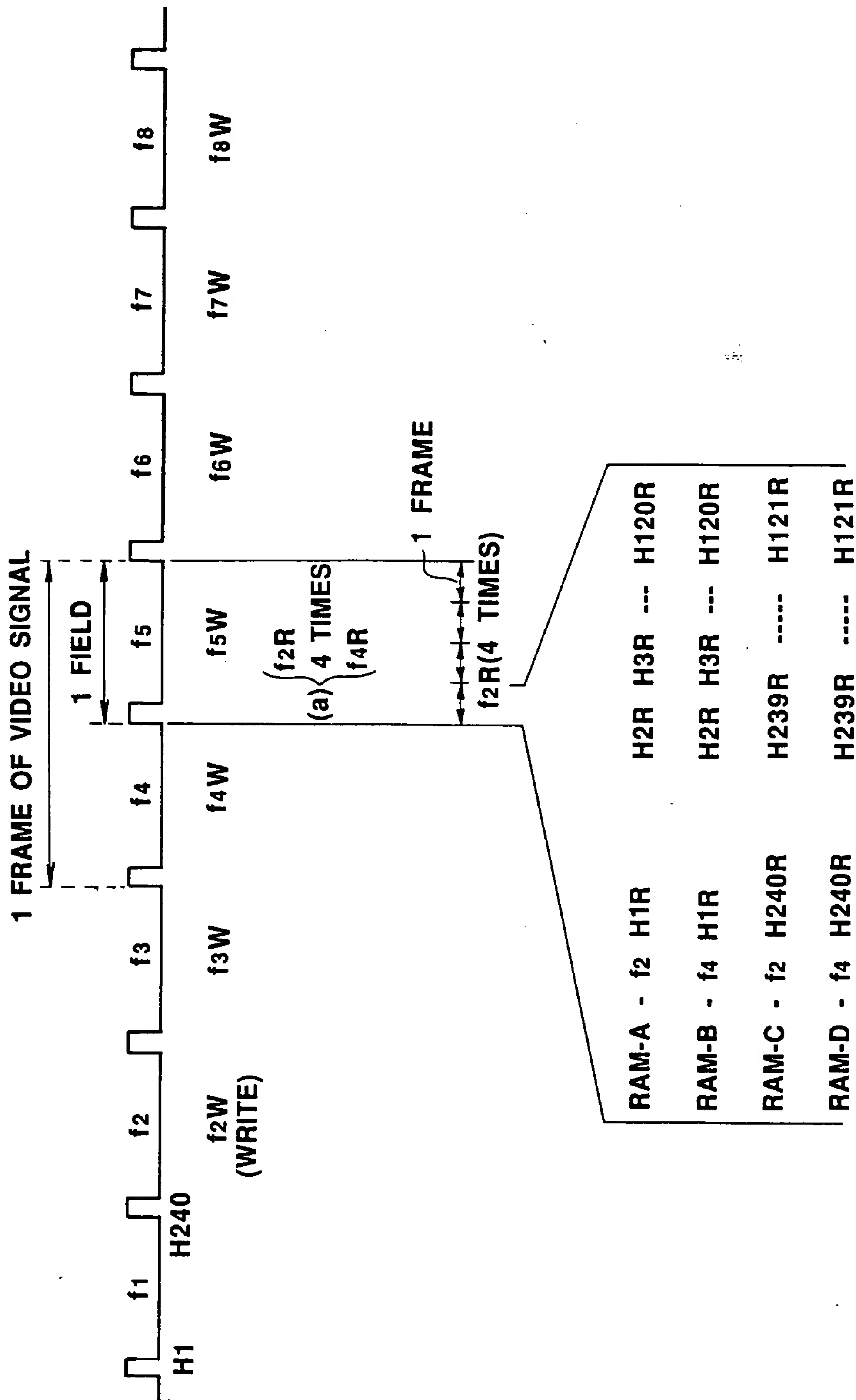


APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

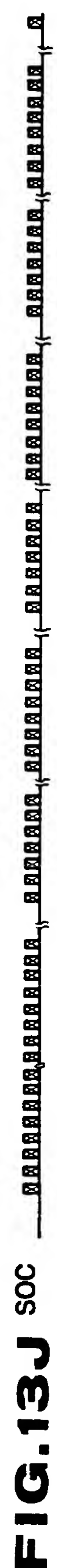
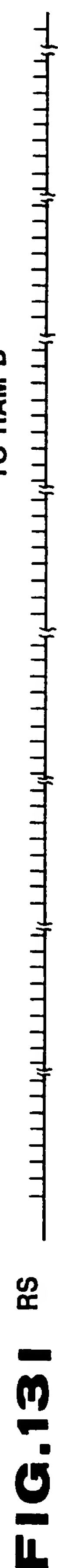
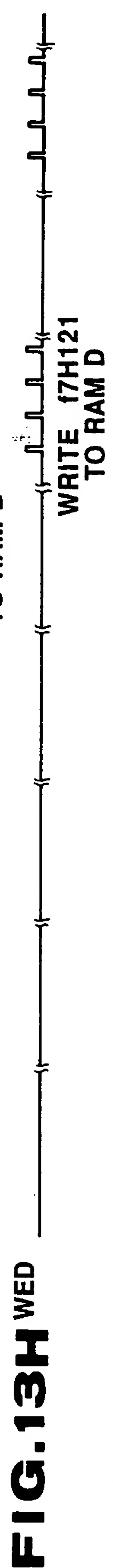
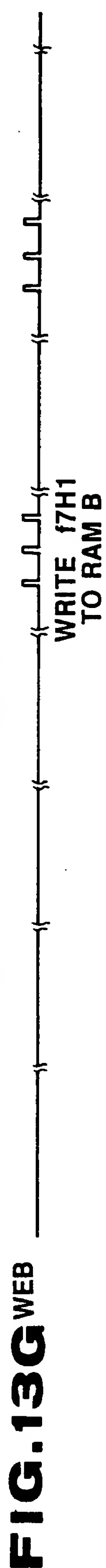
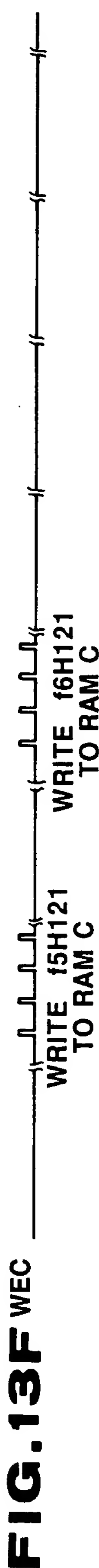
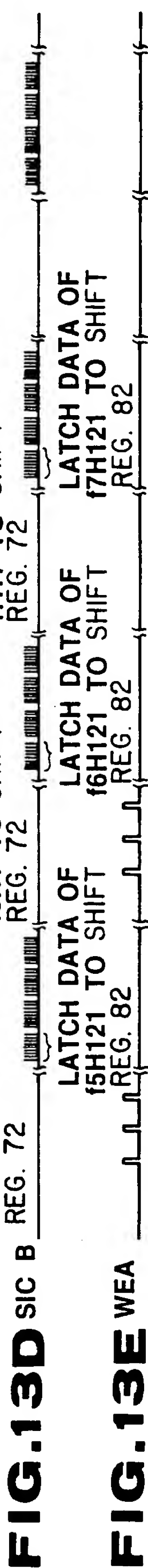
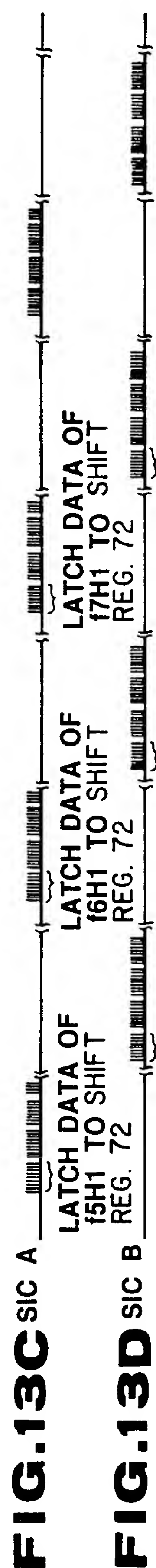
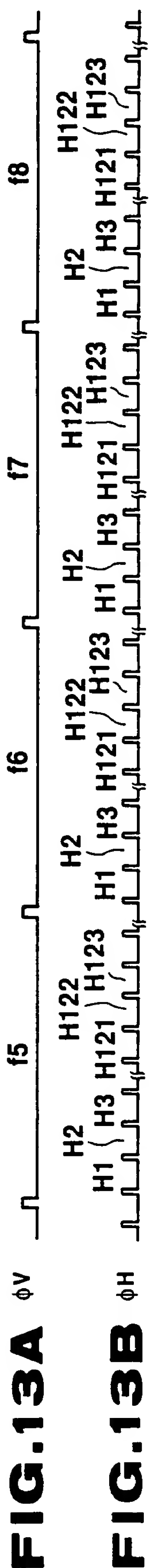
115.311869  
892482

$\phi f$	SCAN ELECTRODE DRIVE SIGNAL $X_n$			SIGNAL ELECTRODE DRIVE SIGNAL $Y_n$		
	SELECTED STATE	NON- SELECTED STATE	ZERO BIAS EC"H"	SELECTED STATE	NON- SELECTED STATE	ZERO BIAS EC"H"
POSITIVE	V0	V2	V2	V3	V1	V2
INVERTED	V4	V2	V2	V1	V3	V2

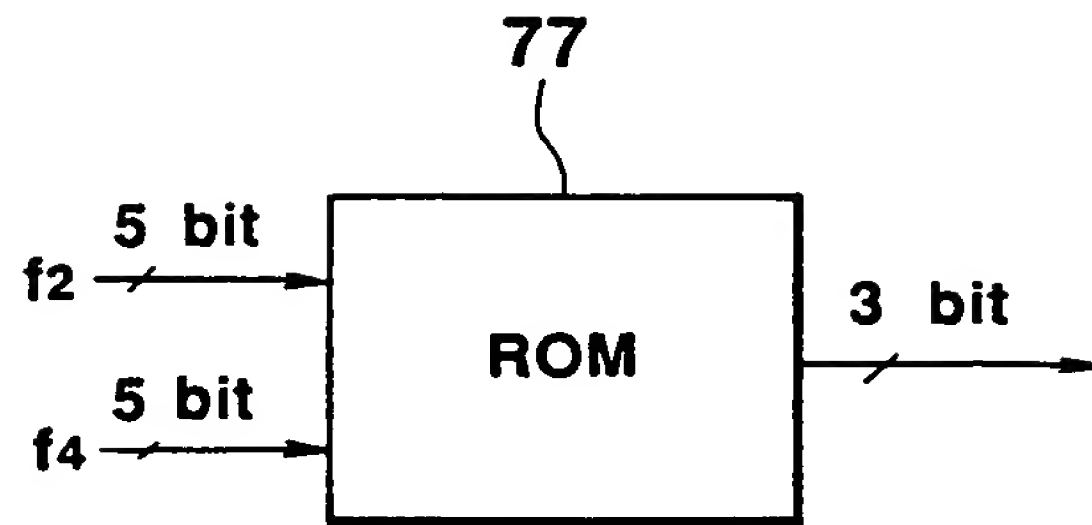
FIG.11



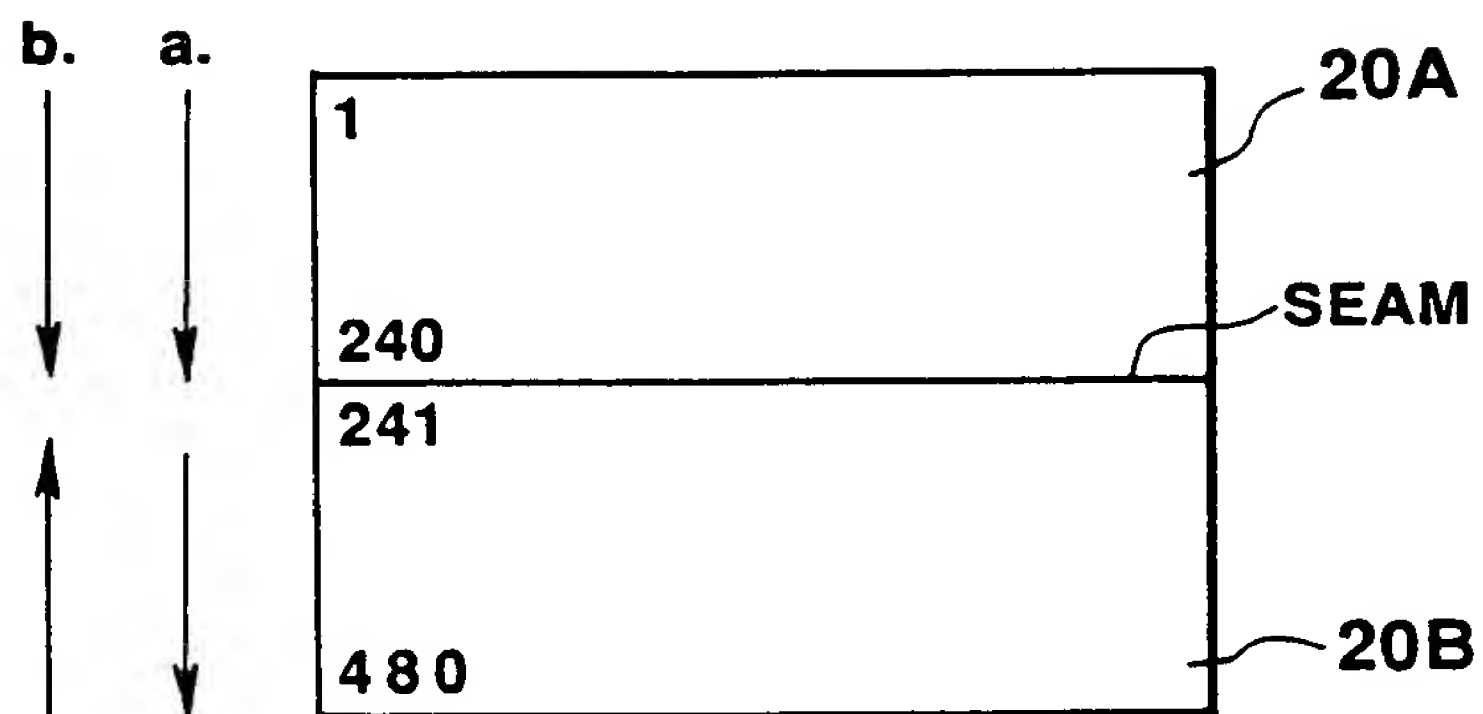
**FIG.12**



5.31869  
892482



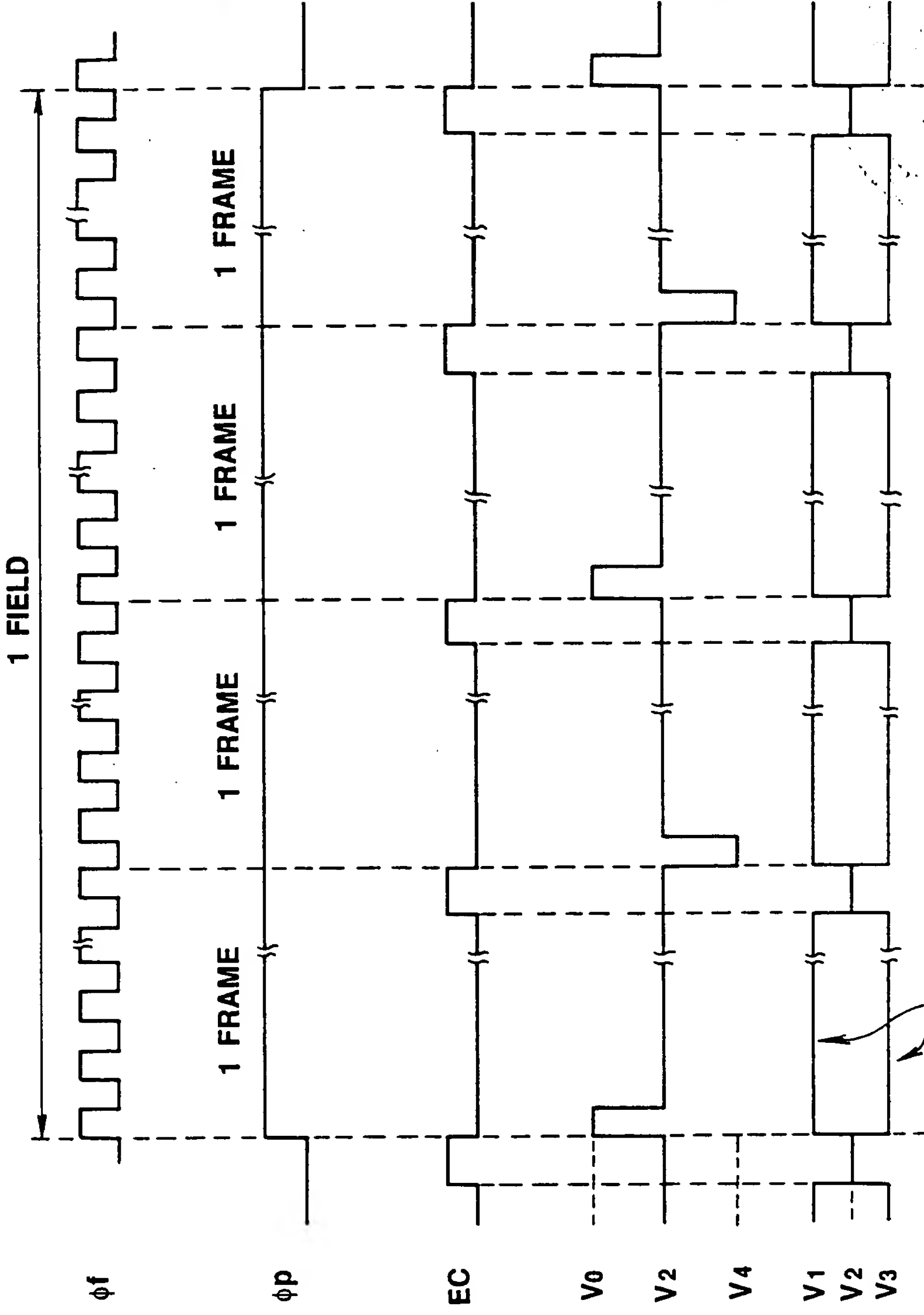
**FIG.14**



**FIG.15**

**FIG. 16**

571869  
892482



EITHER VOLTAGE  $V_1$  OR  $V_3$  CAN  
BE ACQUIRED IN SELECTED OR  
NON-SELECTED STATE

FIG.17A

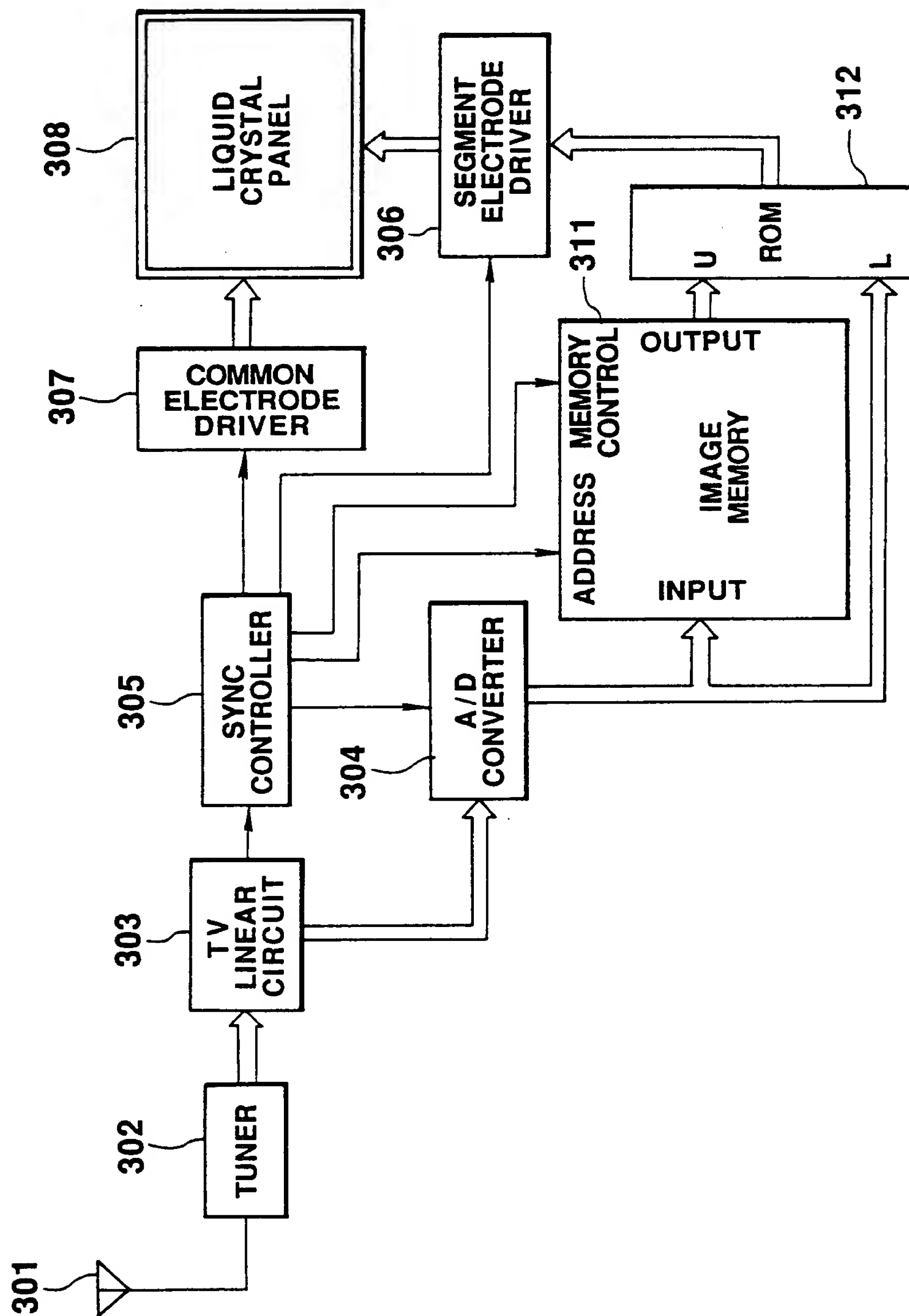
FIG.17B

FIG.17C

FIG.17D  $X_n$

FIG.17E  $Y_n$

RA 521869  
892482



**FIG. 18**

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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			LOWER ADDRESSES									
			A2	0	0	0	0	1	1	1	1	
			A1	0	0	1	1	0	0	1	1	
			A0	0	1	0	1	0	1	0	1	
UPPER ADDRESSES	A5	A4	A3									
	0	0	0	0	2	4	5	6	7	7	7	
	0	0	1	0	1	3	4	6	7	7	7	
	0	1	0	0	0	2	4	5	7	7	7	
	0	1	1	0	0	1	3	5	7	7	7	
	1	0	0	0	0	1	2	4	6	7	7	
	1	0	1	0	0	0	2	3	5	7	7	
	1	1	0	0	0	0	1	2	4	6	7	
	1	1	1	0	0	0	0	1	3	5	7	

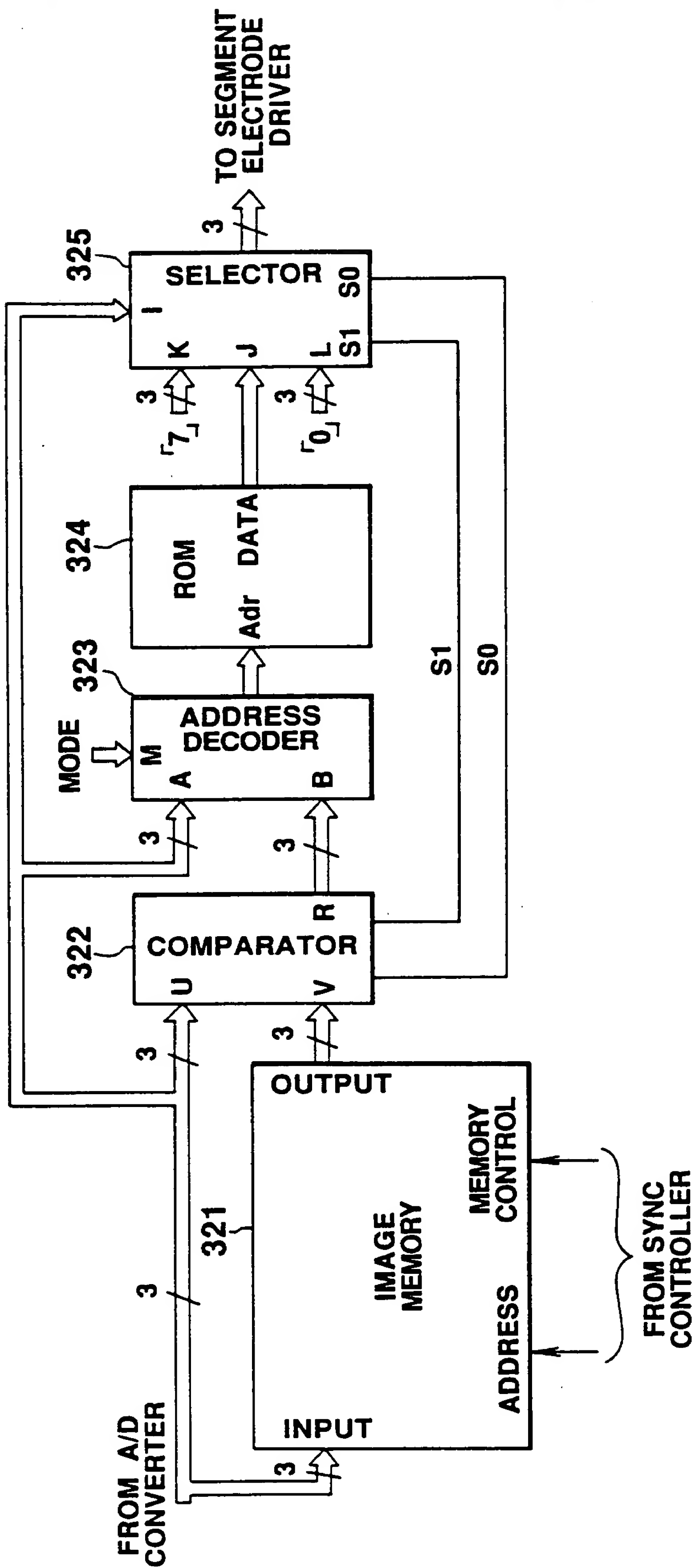
FIG.19

FRAME	0	1	2	3	4	5	6	7	8	9
IMAGE DATA FROM A/D	0	→ 4	→ 7	→ 5	→ 1	→ 3	→ 4	→ 0	→ 7	→ 6
IMAGE DATA FROM ROM	*	→ 6	→ 7	→ 3	→ 0	→ 4	→ 5	→ 0	→ 7	→ 5

FIG.20



521869  
892482



**FIG. 21**

08 521869  
 892482

U - V	S1	S0	R
4 OR GREATER	1	0	*
1 ~ 3	0	1	U - V
0	0	0	*
- 3 ~ - 1	0	1	U - V
- 4 OR LOWER	1	1	*

0:LOW LEVEL  
 1:HIGH LEVEL  
 \*:UNDETERMINED

FIG.22

S1	S0	P OUTPUT
0	0	I
0	1	J
1	0	K
1	1	L

FIG.23

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DATE	FISMAN	

DR. 531869  
892482

CURRENT GRAY SCALE (A)							
GRAY SCALE DIFFERENCE (B)	0	1	2	3	4	5	6
	+3			5	6	7	7
	+2		3	5	6	7	7
	+1	1	2	5	6	6	7
	-1	0	1	2	3	4	5
	-2	0	1	1	2	3	
	-3	0	0	1	1		

FIG.24